

Date December 7, 2001

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Form PTO-1449  
(REV. 07/01)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
NU-500XX

APPLICATION NO.  
Unassigned

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

APPLICANT:  
Poguang Wang, et al.

FILING DATE  
December 7, 2001

GROUP  
~~Unassigned~~ 1762

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE* |
|---------------------|-----------------|----------|------------------|-------|----------|--------------------------------|
| <i>hsp</i>          | 5,462,776       | 10/31/95 | Gruen            | 427   | 477      |                                |
|                     | 5,648,201       | 7/15/97  | Dulcey, et al.   | 430   | 324      |                                |
|                     | 5,691,141       | 11/25/97 | Köster           | 435   | 6        |                                |
|                     | 5,281,538       | 1/25/94  | Cottrell, et al. | 436   | 173      |                                |
| <i>hsp</i>          | 5,719,060       | 2/17/98  | Hutchens, et al. | 436   | 174      |                                |
|                     |                 |          |                  |       |          |                                |
|                     |                 |          |                  |       |          |                                |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|-----------------|------|---------|-------|----------|-----------------------|
|                 |      |         |       |          |                       |
|                 |      |         |       |          |                       |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

|            |  |
|------------|--|
| <i>hsp</i> | Physics, J.D. Cutnell, et al., Wiley and Sons, New York, 1998, p. 893<br><i>no month</i>   |
| <i>hsp</i> | Photoelectron Capture Negative Ion Mass Spectrometry of Organohalogens, Colby, et al., 43 <sup>rd</sup> ASMS Conference on Mass Spectrometry and Allied Topics, 1995, p. 1021<br><i>no month</i>   |
| <i>hsp</i> | Negative Ion Laser Desorption Ionization Time-of-Flight Mass Spectrometry of Nitrated Polycyclic Aromatic Hydrocarbons, Bezabeh, et al., J. Am. Soc. Mass Spectrom, I, 1997, 630-636<br><i>no month</i>  |
| <i>hsp</i> | Role of Photoionization and Photochemistry in Ionization Processes of Organic Molecules and Relevance for Matrix-assisted Laser Desorption Ionization Mass Spectrometry, Ehring, et al., J. Mass Spectrom, 27 1992, 472-480<br><i>no month</i> |

EXAMINER

*Pat. Pak*

DATE CONSIDERED  
3/23/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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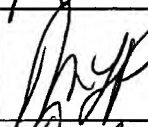
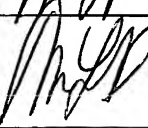
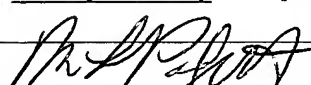
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| <b>Form PTO-1449</b><br><b>(REV. 07/01)</b><br><b>U.S. DEPARTMENT OF COMMERCE</b><br><b>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i> |  | <b>ATTY. DOCKET NO.</b><br>NU-500XX       |  | <b>APPLICATION NO.</b><br>Unassigned |  |
|   |  | <b>APPLICANT:</b><br>Poguang Wang, et al. |  |                                      |  |
|   |  | <b>FILING DATE</b><br>December 7, 2001    |  | <b>GROUP</b><br>Unassigned 1702      |  |

| U.S. PATENT DOCUMENTS |  |                 |      |      |       |          |                             |
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| FOREIGN PATENT DOCUMENTS |  |                 |      |         |       |          |                            |
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|                          |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES      NO |
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| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)                                 |  |
|--|--|
|                      | Direct Evidence for Charge-Transfer Photodissociation at a Metal Surface, Dixon-Warren, et al., CCI/Ag(111), Physical Review Letters, 67 (1991), 2395-2398<br><i>@ctdber</i>   |
|                      | Photochemistry of Absorbed Molecules, XI Charge-transfer Photodissociation and Photoreaction in chloromethanes on AG(111), Dixon-Warren, et al., J. Chem Physics 98 (1993), 5938-5953<br><i>april</i>                                      |
|                      | Synthesis of Electrophor-labeled Oligonucleotides and Characterization by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry, Phillip F. Birtt, et al., Journal of Mass Spectrometry, Vol. 31, 661-668, 1996<br><i>no month</i> |
| <b>EXAMINER</b><br> | <b>DATE CONSIDERED</b><br><i>3/23/03</i>   |

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